

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L2    | 51   | (core near3 diameter) with beam adj2 spot   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2006/09/06 14:08 |
| L3    | 46   | (core near3 diameter) with beam adj2 spot and fiber   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2006/09/06 14:08 |
| L4    | 6594 | (385/27-33).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/09/06 14:51 |
| L5    | 1508 | L4 and core with diameter   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/09/06 14:51 |
| L6    | 374  | L4 and core with diameter same lens   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/09/06 14:51 |
| L7    | 7    | ("20020131700"   "4875750"   "5513201"   "5617492"   "5854867"   "5909524"   "6718088").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2006/09/06 15:37 |
| L8    | 6    | ("4794615"   "4813762"   "4895790"   "5081637"   "5268978"   "5369661").PN.                 | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2006/09/06 17:52 |
| L9    | 1    | "5208881".pn.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2006/09/06 17:52 |
| L10   | 1922 | (372/20,29.01).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/09/06 18:15 |
| L11   | 128  | 10 and fiber with core  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/09/06 18:15 |
| L12   | 66   | 10 and fiber with core and align\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/09/06 18:16 |

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| L13 | 0  | (laser and steady adj2 temperture and position and maximum).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/09/06 18:17 |
| L14 | 1  | (laser and steady adj2 temperature and position and maximum).clm.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/09/06 18:17 |
| S2  | 13 | "20020090172"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/09/05 16:52 |
| S3  | 2  | "20040247240"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/06/13 16:17 |
| S4  | 2  | "6718088".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/06/14 11:06 |
| S5  | 23 | array near2 laser same fiber with core same temperature   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/06/14 13:40 |
| S6  | 21 | ("4649351"   "4962995"  <br>"4978974"   "5117303"  <br>"5138621"   "5140598"  <br>"5185758"   "5187610"  <br>"5202893"   "5247529"  <br>"5263036"   "5287216"  <br>"5337325"   "5351259"  <br>"5369659"   "5369661"  <br>"5406411"   "5422754"  <br>"5430572"   "5761234"  <br>"RE33722").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/06/14 11:24 |
| S7  | 19 | ("4649351"   "4962995"  <br>"4978974"   "5117303"  <br>"5138621"   "5140598"  <br>"5185758"   "5187610"  <br>"5202893"   "5247529"  <br>"5263036"   "5287216"  <br>"5337325"   "5351259"  <br>"5369659"   "5369661"  <br>"5406411"   "5422754"  <br>"5430572").PN.                            | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/06/14 11:25 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S8  | 356  | array near2 laser same fiber with core                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/14 13:40 |
| S9  | 19   | S7 not "I23"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/14 13:41 |
| S10 | 19   | S7 not S5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/14 13:41 |
| S11 | 333  | S8 not S5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/14 19:22 |
| S12 | 6456 | (385/27-33).CCLS.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/09/06 14:50 |
| S13 | 1167 | S12 and laser same fiber same lens                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/14 19:26 |
| S14 | 756  | S12 and laser same fiber same lens and fiber with core  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/14 19:27 |
| S15 | 331  | S12 and laser same (fiber with core) same lens          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/14 19:27 |
| S16 | 23   | array near2 laser same fiber with core same temperature | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/14 19:27 |
| S17 | 356  | array near2 laser same fiber with core                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/14 19:27 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S18 | 333  | S17 not S16   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/14 19:27 |
| S19 | 296  | S15 not S18   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/14 19:27 |
| S20 | 2    | ("2002/0090172").URPN.  | USPAT   | OR | ON  | 2006/06/14 19:33 |
| S21 | 13   | ("5077728"   "5333077"  <br>"5369661"   "5394489"  <br>"5418880"   "5541951"  <br>"5592333"   "5787107"  <br>"5790729"   "5808803"  <br>"5926299"   "6005717"  <br>"6215598").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/06/15 14:50 |
| S22 | 2220 | laser same lens same fiber with<br>core   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/05 16:53 |
| S23 | 904  | laser same lens same fiber with<br>core and alignment   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/05 16:53 |
| S24 | 120  | laser same lens same fiber with<br>core and alignment same<br>measur\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/05 16:53 |
| S25 | 165  | laser same lens same fiber with<br>core and align\$4 same measur\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/05 16:58 |
| S26 | 6    | ((("6,151,168") or ("6,400,513") or<br>("6072811"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/09/05 16:58 |
| S27 | 13   | ("5077728"   "5333077"  <br>"5369661"   "5394489"  <br>"5418880"   "5541951"  <br>"5592333"   "5787107"  <br>"5790729"   "5808803"  <br>"5926299"   "6005717"  <br>"6215598").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/09/05 17:43 |

## EAST Search History

|     |       |   |                              |    |    |                  |
|-----|-------|---|------------------------------|----|----|------------------|
| S28 | 5569  | align\$4 with fiber same lens   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/09/05 17:44 |
| S29 | 753   | align\$4 with fiber same lens same core   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/09/05 18:34 |
| S30 | 3219  | align\$4 with fiber with core   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/09/05 18:35 |
| S31 | 161   | align\$4 with fiber with core same measur\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/09/05 18:42 |
| S32 | 43932 | align\$4 with fiber with core measur\$4 with fiber  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/09/05 18:43 |
| S33 | 766   | align\$4 with fiber with core and measur\$4 with fiber  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/09/05 18:43 |
| S34 | 9105  | (laser or beam) with bundle align\$4 with fiber with core and measur\$4 with fiber                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/09/05 18:43 |
| S35 | 31    | (laser or beam) with bundle and align\$4 with fiber with core and measur\$4 with fiber                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/09/05 18:43 |
| S36 | 8     | ("20020018499"   "5337325"   "5432535"   "5640188"   "5761234"   "6240116"   "6479325"   "6718088").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/09/06 14:07 |